

AMENDMENTS TO THE CLAIMS

Claims 1 to 20 (Cancelled)

21. (New) An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:

(a) an isolated polynucleotide encoding a polypeptide comprising amino acids 1 to 387 of SEQ ID NO:2; and

(b) an isolated polynucleotide encoding a polypeptide comprising amino acids 2 to 387 of SEQ ID NO:2.

22. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (a).

23. (New) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide comprises of nucleotides 58 to 1218 of SEQ ID NO:1.

24. (New) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (b).

25. (New) The isolated nucleic acid molecule of claim 35, wherein said polynucleotide comprises nucleotides 61 to 1218 of SEQ ID NO:1.

26. (New) A recombinant vector comprising the isolated nucleic acid molecule of claim 21.

27. (New) An isolated recombinant host cell comprising the vector sequence of claim 26.

28. (New) A method of making an isolated polypeptide comprising:

(a) culturing the isolated recombinant host cell of claim 27 under conditions such that said polypeptide is expressed; and

(b) recovering said polypeptide.

29. (New) The isolated polynucleotide of claim 21 wherein said nucleic acid sequence further comprises a heterologous nucleic acid sequence.

30. (New) The isolated polynucleotide of claim 29 wherein said heterologous nucleic acid sequence encodes a heterologous polypeptide.

31. (New) An isolated nucleic acid molecule comprising a polynucleotide having a nucleotide sequence that is at least 98.0% identical to a polynucleotide sequence provided in claim

21, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

32. (New) An isolated nucleic acid molecule comprising a polynucleotide that it as least 97.0% identical to amino acids 2 to 387 of SEQ ID NO:2, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

33. (New) An isolated polynucleotide encoding a polypeptide comprising at least 364 contiguous amino acids of SEQ ID NO:2.

34. (New) The isolated nucleic acid molecule of claim 33, wherein said polynucleotide comprises at least 1092 contiguous nucleotides of SEQ ID NO:1.

35. (New) An isolated nucleic acid molecule comprising the cDNA clone contained in plasmid HM74B in ATCC Deposit No. PTA-5853.

36. (New) An isolated polynucleotide comprising the complementary sequence of (a) or (b) of Claim 20.